

RECEIVED

DEC 14 2004

Technology Center 2600

41

27684

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

41
27684
Dawn Class

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

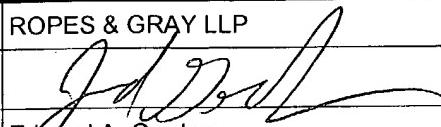
Total Number of Pages in This Submission

	Application Number	10/039308
	Filing Date	November 7, 2001
	First Named Inventor	Brig B. Elliott
	Art Unit	2684
	Examiner Name	T. Gesesse
Total Number of Pages in This Submission		Attorney Docket Number BBNT-P01-144

ENCLOSURES (Check all that apply)

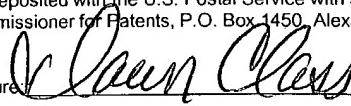
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Supplemental IDS Form SB/08 (2 pages) References (A1-A44, B1, C1-C6) Return Receipt Postcard
<input checked="" type="checkbox"/> Supplemental Information Disclosure Statement (2 pages)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Remarks	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	ROPES & GRAY LLP		
Signature			
Printed name	Edward A. Gordon		
Date	December 7, 2004	Reg. No.	54,130

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 12-7-04

Signature:  (Dawn Class)



DEC 09 2004
PTO/SB/17 (10-04v2)
Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180.00)

Complete if Known

Application Number 10/039308

Filing Date November 7, 2004

First Named Inventor Brig B. Elliott

Examiner Name T. Gesesse

Art Unit 2684

Attorney Docket No. BBNT-P01-144

RECEIVED

DEC 14 2004

Technology Center 2600

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None
 Deposit Account:

Deposit Account Number 18-1945
Deposit Account Name Ropes & Gray LLP

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	430	2252	215	Extension for reply within second month	
1253	980	2253	490	Extension for reply within third month	
1254	1,530	2254	765	Extension for reply within fourth month	
1255	2,080	2255	1,040	Extension for reply within fifth month	
1401	340	2401	170	Notice of Appeal	
1402	340	2402	170	Filing a brief in support of an appeal	
1403	300	2403	150	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,370	2453	685	Petition to revive - unintentional	
1501	1,370	2501	685	Utility issue fee (or reissue)	
1502	490	2502	245	Design issue fee	
1503	660	2503	330	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid **SUBTOTAL (3) (\$ 180.00)**

**or number previously paid, if greater; For Reissues, see above

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Edward A. Gordon	Registration No. (Attorney/Agent)	54,130	Telephone	(617) 951-7066
-------------------	------------------	--------------------------------------	--------	-----------	----------------

Signature		Date	December 7, 2004
-----------	--	------	------------------

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 12-7-04

Signature:

(Dawn Class)



PTO/SB/92 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Application No. (if known): 10/039308

Attorney Docket No.: BBNT-P01-144

RECEIVED

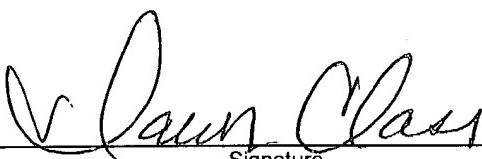
Certificate of Mailing under 37 CFR 1.8 DEC 14 2004

Technology Center 2600

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on December 7, 2004
Date


Signature

Dawn Class

Typed or printed name of person signing Certificate

Registration Number, if applicable

(617) 951-7000

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

IDS Form SB/08 (2 pages)



I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.
Dated: 12-7-04 Signature: Dawn Class
(Dawn Class)

Docket No.: BBNT-P01-144
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Elliott et al.

Application No.: 10/039308

Filed: November 7, 2001

For: SELF-ORGANIZING WIRELESS
NETWORKS WITH MULTIPLE
TRANSCEIVERS

RECEIVED
Confirmation No.: 2135
DEC 14 2004
Art Unit: 2684
Technology Center 2600
Examiner: T. Gesesse

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Supplemental Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

A copy of each reference on the PTO/SB/08 is attached.

Those documents which are marked with a double asterisk (**) next to the Cite No. in the attached form PTO/SB/08 were previously cited by or submitted to the Office in prior

9597265-1

12/10/2004 NROCHA1 00000011 181945 10039308
01 FC:1806 180.00 DA



application numbers 09/513757, filed February 25, 2000; 09/584973, filed June 1, 2000; 09/624635, filed July 24, 2000; 09/660521, filed September 12, 2000; and 08/584492, filed January 11, 1996 and relied upon in this application for an earlier filing date under 35 U.S.C. 120. Office Actions may have issued in one or more of these applications.

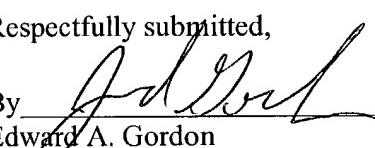
In accordance with 37 CFR 1.97(g), the filing of this Supplemental Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Supplemental Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Supplemental Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Please charge our Deposit Account No. 18-1945, under Order No. BBNT-P01-144 in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 18-1945, under Order No. BBNT-P01-144.

Dated: December 7, 2004

Respectfully submitted,

By 
Edward A. Gordon

Registration No.: 54,130
ROPES & GRAY LLP
One International Place
Boston, Massachusetts 02110-2624
(617) 951-7000
(617) 951-7050 (Fax)
Attorneys/Agents For Applicant



PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				<i>Complete if Known</i>	
				Application Number	10/039308
				Filing Date	November 14, 2001
				First Named Inventor	Brig B. Elliott
				Art Unit	2684
				Examiner Name	T. Gesessa
				Attorney Docket Number	BBNT-P01-144
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>					
Sheet	1	of	2	RECEIVED DEC 14 2004 Technology Center 2600	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
**A1	4,152,647		May-1979	Gladden et al.	
**A2	4,284,848		Aug-1981	Frost	
**A3	4,409,687		Oct-1983	Berti et al.	
**A4	4,613,990		Sep-1986	Halpern	
**A5	4,718,002		Jan-1988	Carr	
**A6	4,864,559		Sep-1989	Perlman	
**A7	4,941,200		Jul-1991	Leslie et al.	
**A8	4,999,833		Mar-1991	Lee	
**A9	5,034,967		Jul-1991	Cox et al.	
**A10	5,050,189		Sept-1991	Cox et al.	
**A11	5,093,824		Mar-1992	Coan et al.	
**A12	5,155,859		Oct-1992	Harris et al.	
**A13	5,218,356		Jun-1993	Knapp	
**A14	5,243,592		Sep-1993	Parlman et al.	
**A15	5,303,286		Apr-1994	Wiedeman	
**A16	5,307,509		Apr-1994	Michalon et al.	
**A17	5,361,399		Nov-1994	Linquist et al.	
**A18	5,363,375		Nov-1994	Chuang et al.	
**A19	5,371,734		Dec-1994	Fischer	
**A20	5,491,837		Feb-1996	Jacobus Haartsen	
**A21	5,497,368		Mar-1996	Reijnerse	
**A22	5,551,056		Aug-1996	Koponen et al.	
**A23	5,652,751		Jul-1997	Sharony	
**A24	5,850,592		Dec-1998	Ramanathan	
**A25	5,881,246		Mar-1999	Crawley et al.	
**A26	5,913,921		Jun-1999	Tosey et al.	
**A27	5,966,668		Oct-1999	Lindroth	
**A28	6,026,077		Feb-2000	Iwata	
**A29	6,028,857		Feb-2000	Poor	
**A30	6,046,978		Apr-2000	Melnik	
**A31	6,049,720		Apr-2000	Rude	
**A32	6,115,580		Sept-2000	Chuprun	
**A33	6,205,117		Mar-2001	Doshi et al.	
**A34	6,304,556		Oct-2001	Haas	
**A35	6,304,745		Oct-2001	Monch	
**A36	6,307,843		Oct-2001	Kazuhiro Okanoue	
**A37	6,317,436		Nov-2001	Young et al.	
**A38	6,349,091		Feb-2002	Chris Cho-Pin Li	
**A39	6,430,150		Aug-2002	Azuma et al.	
**A40	6,456,599		Sept-2002	Brig Barnum Elliott	
**A41	6,512,935		Jan-2003	Jason Keith Redi	
**A42	6,662,229		Dec-2003	Passman et al.	
**A43	6,735,448		May-2004	Krishnamurthy et al.	
**A44	6,744,740		Jun-2004	Priscilla Chen	



PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	10/039308
				Filing Date	November 7, 2003
				First Named Inventor	Brig B. Elliott
				Art Unit	2684
				Examiner Name	T. Gesesse Technology Center 2600
Sheet	2	of	2	Attorney Docket Number	BBNT-P01-144

RECEIVED

DEC 14 2004

2600

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
**B1	WO 94/29986		Dec-1994			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
**C1	Aceves et al., "Analysis of Routing Strategies for Packet Radio Networks," Proc. Of the IEEE INFOCOM, pp. 292-302, 1985.					
**C2	Hahn et al., "Packet Radio Network Routing Algorithms," A. Survey, 22(11):41-47, 1984.					
**C3	Jubin et al., "The DARPA Packet Radio Protocols," Proc. Of the IEEE, 75(1):21-32, 1987.					
**C4	Kahn, "The Organization of Computer Resources into a Packet Radio Network," IEEE Trans. On Communication, vol. COM-25(1):169-178, 1977.					
**C5	Lauer, Gregory, "Packet Radio Routing," Routing in Communication Networks, Ch. 11, Martha Steenstrup, Prentice Hall, 1995.					
**C6	Moy, John, "Link-State Routing," Routing in Communication Networks, Ch. 5, Martha Steenstrup, Prentice Hall, 1995.					

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.